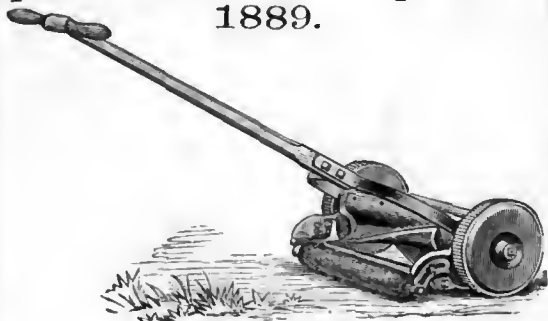


THE PHILADELPHIA LAWN MOWER.



THE Philadelphia Lawn Mowers. 1889.



(Style M--Rear View.)

PRICE LIST.

STYLE D, (see pages 2 and 3).

10 inch, \$13.00.	12 inch, \$15.00.	14 inch, \$17.00.
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STYLE M, (see page 4).

14 inch, \$17.00.	16 inch, \$19.00.	18 inch, \$21.00.	20 inch, \$23.00.
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STYLE S, (see page 5).

14 inch, \$17.00.	16 inch, \$19.00.	18 inch, \$21.00.
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STYLE L, High Wheels, (see page 6).

15 inch,	New corrugated Knives,	\$25.00.
17 "	" "	\$28.00.

PHILADELPHIA GRASS EDGER, (page 7), - \$7.00.

PHILADELPHIA LAWN SWEEPERS, (page 11). { \$18.00.
\$70.00.

HORSE LAWN MOWERS.

30 inch, with Draft Rod, Light Horse,	(page 8),	-	\$100.00.
30 " " Shafts and Seat, " "	(page 9),	-	120.00.
36 " " " " " "	(page 10),	-	160.00.

Warranted to work as represented, when properly managed.
When ordering machines, mention width of cut and style.

GRAHAM, EMLLEN & PASSMORE,

Patentees and Manufacturers,

631 Market Street,

PHILADELPHIA.

Philadelphia Lawn Mower.



Style D.

Width of Cut,	10 ins.;	Weight,	26 lbs.;	List,	\$13.00.
"	12 "	"	28 "	"	15.00.
"	14 "	"	30 "	"	17.00.

Diameter of Driving Wheels, 6½ Inches.

These are intended for grass plots and lawns of less than $\frac{1}{4}$ of an acre, and for this amount of work are just about perfect, being far the most easily worked, and the lightest Lawn Mower made.

We make them with a three blade solid wiper, having the blades put on with bolts, and also with the open wiper, as on page 3.

Are furnished with patent self-locking pawls that cannot slip.

All adjusting screws are exposed.

The knives sharpen themselves while cutting.

The grass is thrown back entirely clear of the cutter.

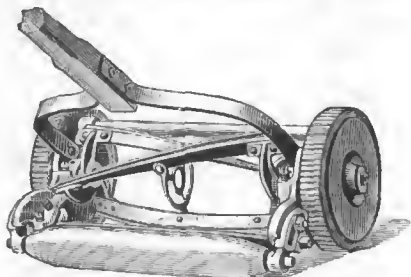
As they cut close up to trees, etc., the grass-hook is seldom wanted.

ALL GENUINE PHILADELPHIA LAWN MOWERS have the makers' name cast on one wheel, and the words "PHILADELPHIA LAWN MOWER" on the other, as shown in the cut on page 6.

Do not buy inferior imitations, when you can get the real article for the same money.

Philadelphia Lawn Mower.

Style D with Open Wiper.



Three Blade Riveted Steel Wiper.

Patent Corrugated Cast Steel Knives.

Diameter of Driving Wheels, 6 $\frac{1}{2}$ inches.

Width of Cut, 12 ins.; Weight, 26 lbs.; List, \$15.00

" " 14 " " 28 " " 17.00

These are precisely the same as style D with solid wiper, described on page 2, except that they have a three blade open riveted wiper, furnished with our new corrugated steel spiral blades, described on page 12. .

A better Lawn Mower for small places has never been made.

Buyers of Lawn Mowers will excuse us for reminding them that the makers of the Philadelphia are, and have been for the past fifteen years, the **LARGEST PRODUCERS of LAWN MOWERS in the WORLD**; and that they always have been, and still are first to adopt every improved device that can in the smallest degree add to the value of the machines as practical tools.

The Philadelphia was unrivaled fifteen years ago, it is unrivaled now. Those made fifteen years ago were good, but those made now are very far in advance of them in every point of merit.

Philadelphia Lawn Mower.

Style M.



14 inch, Silent Ratchet, weight, 36 lbs.,	List, \$17.00
16 " " " " 38 " "	" 19.00
18 " " " " 44 " "	" 21.00
20 " " " " 46 " "	" 23.00

Diameter of Driving Wheels, 7 Inches.

These are the machines for general purposes, and the bulk of our sales are of this style. They have a three bladed solid wiper—all blades secured by bolts, patent self-locking pawls that cannot slip, the adjusting screws of both the stationary knife and wiper boxes are exposed,—the knives sharpen themselves while cutting—the cut grass is all discharged in the rear of the machine, and as they will cut close up to trees, &c., the grass hook is seldom wanted.

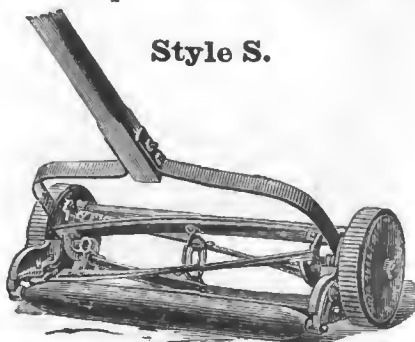
We warrant them to *run easier*, to be *as durable*, and to be capable of *cutting as high grass* as any lawn mower made, no matter how big wheels it has, or how heavy it may be, or run.

Manufacturers of lawn mowers are making an *imitation of this machine*, which, while very inferior in every respect, have the same general appearance.

All genuine PHILADELPHIA LAWN MOWERS have the makers' name, "**Graham, Emlen & Passmore,**" cast on one wheel, and "**Philadelphia Lawn Mower**" on the other. **Buy no other.**

Philadelphia Lawn Mower.

Style S.



FOUR BLADE RIVETED STEEL WIPER.

Patent Corrugated Cast Steel Knives.

14 inch, 7 in. wheels, weight, 33 lbs.,	List,	\$17.00
16 " " " " 34 "	"	19.00
18 " " " " 36 "	"	21.00

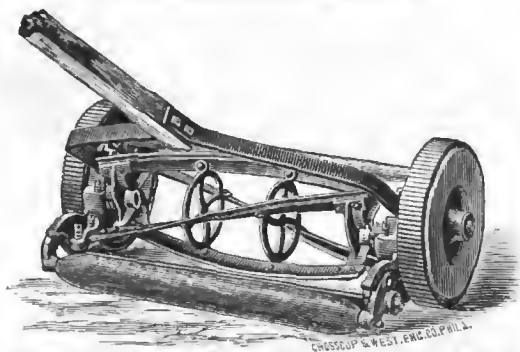
We have no hesitation in recommending this machine as the **lightest running and best open wiper lawn mower yet made.** Our new Patent Corrugated cast steel spiral blades, described on page 12, place them very far in advance of any other make of open, riveted revolving cutters; in fact they are cheaper at the price at which they are offered than other makes of this class cutters would be at a gift.

Our Style S machines run very quietly, and weigh much less than other lawn mowers. With the exception of the wiper, it is practically the same as our style M, but has four spiral blades and a larger pinion. It has a little quicker clip, and thus will make rather smoother work at a close cut than styles D and M.

Why should you buy an imitation of the "Philadelphia" that will wear out in a year, when you can get the genuine article that will last you ten to fifteen years, and if you take reasonable care of it, will cost you nothing for repairs.

New High Wheel Mower.

Philadelphia Style L.



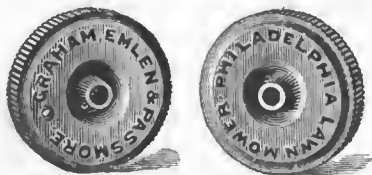
Width of Cut, 15 ins.; Weight, 46 lbs.; List, \$25.00
" " 17 " " 48 " " 28.00
4 Bladed Riveted Steel Wiper, 6½ inch. diam.
Our New Corrugated Cast Steel Knives.

THE PHILADELPHIA LAWN MOWERS as first made, had driving wheels 10½ inches high; they were afterward changed to 6½ and 7 inches high, which, being found to be by far the lightest running and most convenient machine for general purposes, have been for years the standard size. But where the ground is soft or lumpy, and the lawn large but level, a slightly larger wheel may have some advantage.

We believe our New Style L to be the best high wheel lawn mower ever made. It has a four-bladed riveted steel wiper 6½ inches in diameter, furnished with our new corrugated spiral blades which admit of the face of the blade being quickly filed to an edge when battered, and is so stiff that it is impossible to knock the wiper out of true, thus removing the great objection to riveted wipers as heretofore made. In other respects the construction is the same as in our Style M.

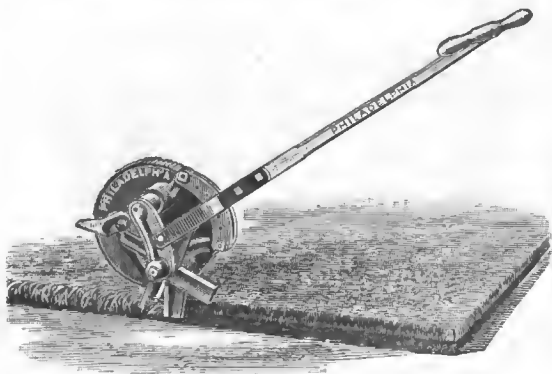
We warrant them to run lighter than any lawn mower having as large a driving wheel, to do as good work and cut as high grass as any machine on the market.

All Genuine Philadelphia Lawn Mowers



Have the drive wheels lettered as above.
All that are not so lettered are inferior
imitations and will prove dear at any price.
Dont buy them.

Philadelphia Grass Edger.



WEIGHT, 20 lbs. LIST, \$7.00.

A great labor saver on a well kept lawn.



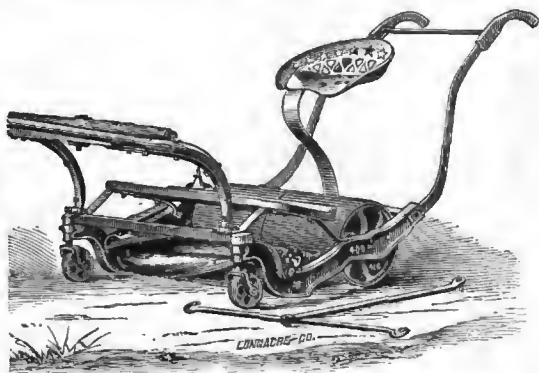
30 INCH HORSE MACHINE, WITH DRAFT ROD. WEIGHS 315 LBS. LIST \$100.

We have increased the frequency of clip of this machine, by putting FOUR BLADES in the wiper, thus enabling them to make smooth work at a close cut if desired.

They are made wholly of iron and steel, with the gearing entirely boxed; cuts while turning either to the right or left; has swing stationary knife adjusted by set screws above the wiper box. Can be used either with or without the castor wheels; the height of cut being adjusted either with the castor or the guide roller just back of the stationary knife; horse can walk to one side on the cut grass.

Our 30-inch machines, with draft rod, are constructed with special reference to use on hilly and uneven lawns much obstructed by walks and shrubbery. On such lawns there is no lawn mower made that will at all equal them in convenience of operating, keeping in order, and quality of work. Being very light draft and easily guided around obstructions and turned in every small space, they can be used on any ground where a horse can get through without anything attached to him.

As the machines will work equally well without the castor wheels, and with the horse walking to one side, they can be used in wet weather without leaving horse and castor wheel tracks; and in hot, dry weather, an even, green sward can be left, of sufficient height to protect the grass roots, which can not be done with a machine in which it is necessary for the horse and castor wheels to press down the grass in front of the cutters.



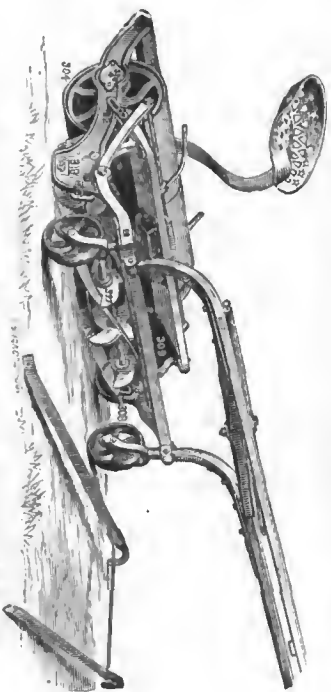
THE 30-INCH, WITH SHAFTS AND SEAT.

WEIGHT, 350 LBS. List, \$120.

Side Draft Attachment, - - - - \$2.50.

This is the same machine as that shown on page 8, but is fitted with shafts and drivers' seat, in addition to the draft rod. Rigged in this way, it handles beautifully on large open grounds, and can be worked by any one capable of driving the horse and using the oil can.

THE PHILADELPHIA LAWN MOWER.

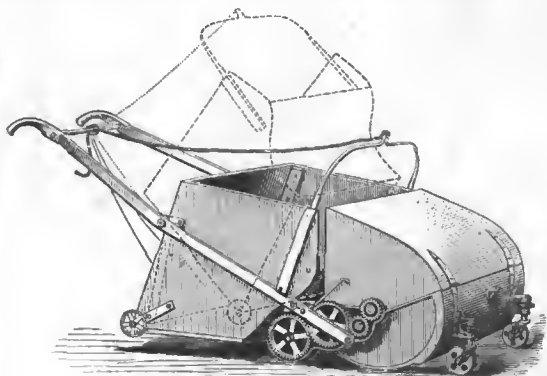


36 INCH CUT. WEIGHT, 450 LBS. LIST, \$160.

These machines are intended for Parks and large open grounds, and are constructed in the most thorough manner with steel shafting, brass bushing, &c., and must be examined to be appreciated. The frame is jointed so as to admit of the cutters being raised by the driver while in motion. The spiral blades are attached by bolts and set screws, so they can be taken off and ground; also many other very important improvements.

The price is high, but we designed it to be what it is—The best Horse Lawn Mower for Parks ever made.

THE Philadelphia Lawn Sweepers.



40 Inch Lawn Sweeper.

The Hand Machine sweeps 24 in. wide. List, \$18.00
The Horse Machine sweeps 40 in. wide. List, \$70.00

They are very simple in construction. A driving roller gives motion to a revolving brush placed directly in front, causing it to sweep the sod clean and throw the sweepings backward from the top of the brush into a large box in the rear of the roller. In the horse-machines this box can be dumped without stopping.

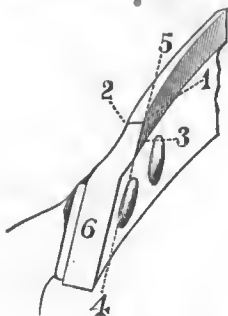
Where our Horse Lawn Mowers and Sweepers are used, it is not necessary to cut the grass more than half as often as it would be if the grass was left lie, thus saving nearly half the labor.

The sweeper gives you a perfect lawn as soon as the sweeping is finished, instead of looking grey for several days, owing to the withered cut grass.

If the sweeper and horse lawn mower are run in opposite directions the lawn will be nearly the same shade of color all over, instead of the unsightly appearance caused by the mower leaning the grass to or from the observer.

A Great Improvement.

Heretofore the spiral blades of all lawn mowers have been made flat from the cutting edge to the back, thus preventing the use of the file to any extent on the flat face and in case of a blade being battered by striking stones, it was necessary to file or grind all the blades on the bevel edge throughout their entire length, before the battered spot could be made to cut. Where the blade can easily be replaced as in our Style M, this is not of so much importance; but where the blade cannot be replaced as in all open riveted wipers, it renders the machine almost worthless for rough work.



Our New Corrugated Spiral blade, patented December, 1887, removes this difficulty.

As will be seen in the cut, the cutting edge is thrown forward an eighth of one inch in front of the back, so that the file can be used on the line 4 x 5 at any point without touching the rest of the blades, and the battered edge can be made keen in a moment by any one, while in the old knife it would be necessary to send the machine to an expert machinist who would have to spend hours to put it in order.

